

Converting Colors

Android(4278227778)

Have a look what the booklet for
Android(4278227778) contains.

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Color

Android(4278227778)

Conversions

Conversions Part 1

Format	Color
Hex	009342
RGB	0, 147, 66
RGB Percent	0%, 58%, 26%
CMY	1.0000, 0.4235, 0.7412
CMYK	1.00, 0.00, 0.55, 0.42
HSL	147°, 100%, 29%
HSV	147°, 100%, 58%
XYZ	11.4171, 21.2608, 8.6563
YIQ	93.8130, -61.6110, -56.3550

Conversions

Conversions Part 2

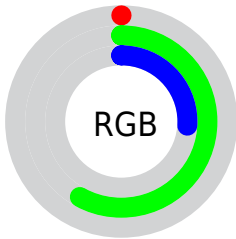
Format	Color
RYB	0, 101, 147
Decimal	37698
CIELab	53.23, -51.72, 33.37
CIELCh	53, 61.549, 147.168
Yxy	21.2608, 0.2762, 0.5144
Android (android.graphics.Color)	4278227778 (0xFF009342)
YUV	93.8130, -13.7118, -82.2740
Hunter-Lab	46.1094, -36.4934, 21.1459

Details

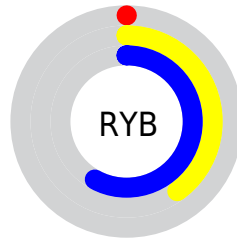
The Android color `4278227778` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4287823953`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4283812468`, and `4278214417` is the 20% darker color. If you saturate the color by 10%, you get `4278227778`, and if you desaturate by 10%, it is `4279210826`.

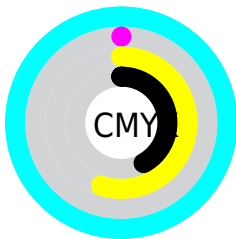
Distribution



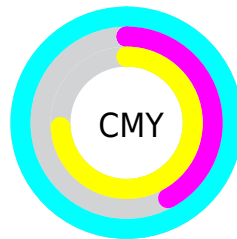
- Red (0%)
- Green (58%)
- Blue (26%)



- Red (0%)
- Yellow (40%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278227778 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4278227778 by changing the saturation by 10% instead.

 4278227778

 4278227778

4294967295

 4278220842

 4283812468

 4278214417

 4285785998

 4278208000

 4287692713

 4278202112

 4289593284

 4278194944

 4291493857

 4278190080

 4293459966

 4278227778

 4279210826

 4280128338

 4281111386

 4282094434

 4283077483

 4283994995

 4284978043

 4285961091

 4286878603

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285106700



4278227778



4278228856

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278227778



4278224873



4292562770

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4278227778



4287823953

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4292430214



4278227778



4285756382

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278227778



4278227928



4290403001



4291061027

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4278227778



4278229149



4290403001



4292692579

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4278227778



4287020960



4283667200



4282278222



4292927712



4284572001

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278227778



4278239062



4278227849



4282600006



4278225470



4278192645

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4287823953



4290707561



4287823882



4283056967



4287234124



4278845446

Previews

White Background



This preview shows how the Android color 4278227778 looks on a white background.

Color Contrast Check

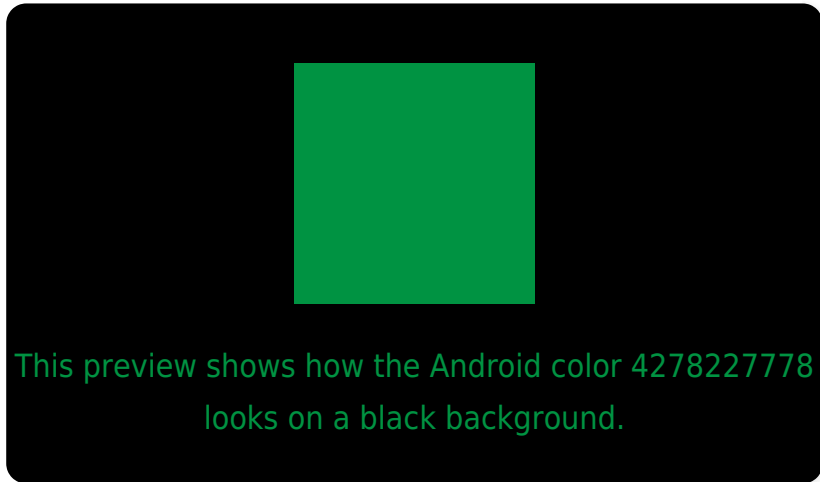
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278227778 Background



This preview shows how black text looks on a background with the Android color 4278227778.



This preview shows how white text looks on a background with the Android color 4278227778.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color

4278227778



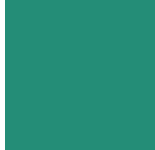
Protanomaly

4284057150



Deuteranomaly

4284645958



Tritanomaly

4280585591

Monochromacy



Original Color

4278227778



Achromatopsia

4284374622



Achromatomaly

4282151252

CSS Examples

Text

The CSS property to change the color of the text to Android 4278227778 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 147, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 66)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 147, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 66) }
```

Border

The CSS property to change the border of an element to Android 4278227778 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 147, 66) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 147, 66) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 147, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 66);  
box-shadow:4px 4px 4px 4px rgb(0, 147, 66)  
}
```

Background

The CSS property to change the background color of an element to Android 4278227778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 66) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 147,  
66) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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